# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 20 Sep 2023 until 23:59 on Thursday 21 Sep 2023

Forecast Issued on Tuesday 19 Sep 2023 at 15:39

**Confidence:** High for a changeable, periodically wet and windy autumnal main theme. High for Saturday being the better of the weekend days weather-wise, with arriving rain detail low confidnece into Sunday.

**Headline for Wednesday 20 Sep 2023:** Wet and windy weather gradually clearing southeast to late sunny spells and sharp showers.

**Mountain weather hazards on Wednesday 20 Sep 2023**

**Blizzards**
No Likelihood

**Gales**
High Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
Low Likelihood

**Heavy persistent rain**
High Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Heavy Rain | Heavy Rain | Heavy Rain | Heavy Rain | Light rain | Light rain showers | Heavy rain showers | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 90% | 90% | 90% | 90% | 60% | 40% | 60% | 20% |

**Forecast for Wednesday 20 Sep 2023**

**Weather:** Wet and windy to start the day, with gale in exposure coupled with more general prolonged heavy rain and extensive low cloud. These conditions should very gradually edge southeastwards into the afternoon, with winds easing. Sunny spells should then develop later on, with a few scattered sharp showers arriving from the west, easing later in the evening.

**Chance of cloud-free hill tops above 600m:** 60 improving 90%..

**Low Cloud and visibility:** Blanket around the highest ground during the morning, with ragged patches below this on windward ground, lifting clear in the afternoon and breaking. Visibility moderate improving very good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Met Office Mountain Weather Forecast

**Forecast for Wednesday 20 Sep 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 36/50 SW | 32/45 SW | 33/46 S | 27/38 SW | 23/33 SW | 23/34 SW | 19/29 SW | 17/27 SW | 15/23 SW |
| **300** | 21/44 SW | 19/40 SW | 20/42 S | 18/36 SW | 14/30 SW | 15/31 SW | 11/25 SW | 10/24 SW | 8/21 SW |
| **Valley** | 19/43 SW | 16/38 SW | 17/40 S | 15/34 SW | 13/29 SW | 13/27 SW | 10/24 SW | 7/19 SW | 6/19 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 12/7 | 12/7 | 12/7 | 12/8 | 11/7 | 10/7 | 9/6 | 8/4 | 7/4 |
| **300** | 15/11 | 15/11 | 14/11 | 14/11 | 13/11 | 13/10 | 11/9 | 10/8 | 9/7 |
| **Valley** | 16/13 | 16/13 | 16/13 | 15/13 | 15/13 | 15/12 | 13/11 | 12/10 | 10/9 |
| **Freezing Level*** | 3100m | 3100m | 3000m | 2900m | 2000m | 1900m | 1800m | 1700m | 1600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

The rain and strength of the wind will mean activities will perhaps be best confined to the lower slopes during the morning. The afternoon will then see marked improvement, with care required for late blustery showers.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Tue 19 Sep 2023 | 28mm | 38mm | 38mm |

**Forecast for Thursday 21 Sep 2023**

**Weather:** A notably colder start than of late. Perhaps dry in the east at first, with a few showers affecting windward ground. Developing sunny spells and heavy or thundery showers are then expected, the showers especially on windward slopes, before generally easing later. Probably becoming more generally cloudy during the evening.

**Maximum wind:** Increasing southwesterly 30mph.

**Chance of cloud-free hill tops above 600m:** 90%.

**Low Cloud and visibility:** Cloud generaly clear of summits. Very good visibility.

**Temperature:** **Valleys:** Plus 4 becoming 16 degrees Celsius.
**At 600m:** Plus 10 degrees Celsius.
**Freezing level:** Well above the summits.

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